Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.   (Original) An information-processing device at a communication source, that communicates with an information-processing device at a communication destination through a communication control device at the communication source, comprising:

a span of packet life setting part that sets a span of packet life in a range in which a bubble packet transmitted from the information-processing device at the communication source in order to leave a transmission history in the communication control device at the communication source, does not reach the information-processing device at the communication destination; and

a bubble packet transmitter that transmits a bubble packet having a span of packet life that the span of packet life setting part has set, through the communication control device at the communication source.

2.   (Original) An information-processing device as claimed in claim 1, wherein

communication between the information-processing device at the communication destination and the information-processing device at the communication source is performed through a communication control device at the communication destination; and wherein

the span of packet life setting part sets a span of packet life in a range in which a bubble packet does not reach the communication control device at the communication destination.

3.   (Currently Amended) An information-processing device as claimed in ~~one of~~ claim 1 ~~and claim 2~~, wherein

the span of packet life setting part sets a span of packet life so that the bubble packet can reach a relay node that relays packets from a global address to

another global address.

4.   (Original) An information-processing device as claimed in claim 3, wherein

the span of packet life setting part sets a span of packet life so that the bubble packet can reach a relay node closest to the information-processing device at the communication source, out of relay nodes that relay packets from a global address to another global address.

5.   (Original) An information-processing device as claimed in claim 3, wherein

the span of packet life setting part sets a span of packet life with increasing the number of relay nodes that the bubble packet can reach, by one every time the bubble packet transmitter transmits a bubble packet, until communication is established between the information-processing device at the communication source and the information-processing device at the communication destination.

6.   (Original) An information-processing device as claimed in claim 2, wherein

the span of packet life setting part sets a span of packet life with which the bubble packet can reach a relay node located before the communication control device at the communication destination.

7.   (Original) An information-processing device as claimed in claim 3, wherein

the span of packet life setting part sets a TTL (Time To Live) for a bubble packet.

8.   (Currently Amended) An information-processing device as claimed in one of claim 1 and claim 2, further comprising

a relay node counter that counts the number of relay nodes from the information-processing device at the communication source, wherein

the span of packet life setting part sets a life of the bubble packet based on the number of relay nodes counted by the relay node counter.

9.   (Original) An information-processing device as claimed in claim 8, wherein

the relay node counter counts the number of relay nodes with trace route.

10.   (Original)   An information-processing device as claimed in claim 4, further comprising

a relay node counter that counts the number of relay nodes located from the information-processing device at the communication source to a relay node closest to the information-processing device at the communication source, out of relay nodes that relay packets from a global address to another global address, wherein

the span of packet life setting part sets a span of packet life of the bubble packet based on the number of relay nodes counted by the relay node counter.

11.   (Original)   A method of transmitting a bubble packet in an information-processing device at a communication source that communicates with an information-processing device at a communication destination through a communication control device at the communication source, comprising:

setting a span of packet life in a range in which a bubble packet transmitted from the information-processing device at the communication source in order to leave a transmission history in the communication control device at the communication source, does not reach the information-processing device at the communication destination; and

transmitting a bubble packet that transmits a bubble packet having a span of packet life that the span of packet life setting part has set through the communication control device at the communication source.

12.   (Cancelled).